



Sheet 1 of 2

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| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office |    | Docket No.<br><b>ISIS-4288</b>   | Serial No.<br><b>09/438,989</b> |
|   |    | Applicant<br><b>Yogesh S. Sanghvi et al.</b>   |                                 |
|   |    | Filing Date<br><b>November 12, 1999</b>  | Group<br><b>1623</b>            |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |    |  |                                 |
| <i>HO</i>   | AA | Uhlmann et al., "Antisense Oligonucleotides: A New Therapeutic Principle",<br><i>Chemical Reviews</i> , <b>June 1990</b> , Vol. 90, No. 4, pp. 544-579 |                                 |
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| EXAMINER <i>Howard A. Quinn</i>   |    | DATE CONSIDERED <i>11/28/01</i>  |                                 |

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List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**ISIS-4288**

Serial No.  
**09/438,989**

Applicant  
**Yogesh S. Sanghvi et al.**

Filing Date  
**November 12, 1999**

Group  
**1623**

**U. S. PATENT DOCUMENTS**

| Examiner Initial |           | Document No. | Date     | Name              | Class | Subclass |
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| <i>Hv</i>        | <b>AB</b> | 5,801,154    | 09/01/98 | Baracchini et al. | 514   | 44       |
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| <i>Hv</i>        | <b>AD</b> | 5,852,188    | 12/22/98 | Cook              | 536   | 24.5     |
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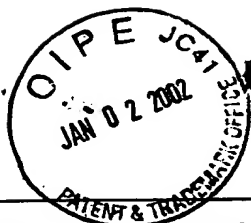
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EXAMINER

*Harold Jones*

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Patent and Trademark Office

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**ISIS-4288**

Serial No.  
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**November 12, 1999**

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**1623**

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**U. S. PATENT DOCUMENTS**

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| <i>HO</i>        | AA | 6,060,456    | 05/09/00 | Arnold, Jr., et al. | 514   | 44       |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initial |  | Document No. | Date | Country | Translation<br>YES NO |  |
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**EXAMINER***Harold Chis***DATE CONSIDERED***5/1/02*